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DESCRIPTORS: *Adsorbants, *Carbon black, *Graphite,
 Vapors, Adsorption, Chemical reactions, *Thermo-
 dynamics, Statistical analysis, Equations.

Various equations are considered for the isotherms of
 monolayer adsorption from the gaseous phase on a
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DESCRIPTORS: Magnesium compounds, *Oxides,
*Benzenes, *Hexanes, Vapors, Adsorption, Surface
properties, Temperature.

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DESCRIPTORS: *Adsorption, *Methanes, *Coal, Tem-
perature, Porous materials.

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